

AMENDED IN ASSEMBLY MARCH 17, 2016

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

ASSEMBLY BILL

No. 1979

Introduced by Assembly Member Bigelow

February 16, 2016

An act to amend Section ~~10610~~ 10631 of the Water Code, relating to water management.

LEGISLATIVE COUNSEL'S DIGEST

AB 1979, as amended, Bigelow. Urban water management ~~plans~~. *plans: projected use.*

Existing law, the Urban Water Management Planning Act, requires every urban water supplier to prepare and periodically update an urban water management plan for submission to the Department of Water Resources. A supplier is required to include in the plan, among other information, population and water use projections in 5-year increments to 20 years or as far as data is available. A supplier that relies upon a wholesale agency for water is also required to provide the wholesale agency with water use projections from that agency for that source of water in 5-year increments to 20 years or as far as data is available.

This bill would add 5 years to those planning periods by extending the periods from 20 to 25 years.

~~Existing law, the Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan.~~

~~This bill would make nonsubstantive changes to that act.~~

Vote: majority. Appropriation: no. Fiscal committee: ~~no~~-yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 10631 of the Water Code is amended to
2 read:

3 10631. A plan shall be adopted in accordance with this chapter
4 that shall do all of the following:

5 (a) Describe the service area of the supplier, including current
6 and projected population, climate, and other demographic factors
7 affecting the supplier's water management planning. The projected
8 population estimates shall be based upon data from the state,
9 regional, or local service agency population projections within the
10 service area of the urban water supplier and shall be in five-year
11 increments to ~~20~~ 25 years or as far as data is available.

12 (b) Identify and quantify, to the extent practicable, the existing
13 and planned sources of water available to the supplier over the
14 same five-year increments described in subdivision (a). If
15 groundwater is identified as an existing or planned source of water
16 available to the supplier, all of the following information shall be
17 included in the plan:

18 (1) A copy of any groundwater management plan adopted by
19 the urban water supplier, including plans adopted pursuant to Part
20 2.75 (commencing with Section 10750), or any other specific
21 authorization for groundwater management.

22 (2) A description of any groundwater basin or basins from which
23 the urban water supplier pumps groundwater. For basins that a
24 court or the board has adjudicated the rights to pump groundwater,
25 a copy of the order or decree adopted by the court or the board and
26 a description of the amount of groundwater the urban water supplier
27 has the legal right to pump under the order or decree. For basins
28 that have not been adjudicated, information as to whether the
29 department has identified the basin or basins as overdrafted or has
30 projected that the basin will become overdrafted if present
31 management conditions continue, in the most current official
32 departmental bulletin that characterizes the condition of the
33 groundwater basin, and a detailed description of the efforts being
34 undertaken by the urban water supplier to eliminate the long-term
35 overdraft condition.

36 (3) A detailed description and analysis of the location, amount,
37 and sufficiency of groundwater pumped by the urban water supplier
38 for the past five years. The description and analysis shall be based

1 on information that is reasonably available, including, but not
2 limited to, historic use records.

3 (4) A detailed description and analysis of the amount and
4 location of groundwater that is projected to be pumped by the
5 urban water supplier. The description and analysis shall be based
6 on information that is reasonably available, including, but not
7 limited to, historic use records.

8 (c) (1) Describe the reliability of the water supply and
9 vulnerability to seasonal or climatic shortage, to the extent
10 practicable, and provide data for each of the following:

11 (A) An average water year.

12 (B) A single-dry water year.

13 (C) Multiple-dry water years.

14 (2) For any water source that may not be available at a consistent
15 level of use, given specific legal, environmental, water quality, or
16 climatic factors, describe plans to supplement or replace that source
17 with alternative sources or water demand management measures,
18 to the extent practicable.

19 (d) Describe the opportunities for exchanges or transfers of
20 water on a short-term or long-term basis.

21 (e) (1) Quantify, to the extent records are available, past and
22 current water use, over the same five-year increments described
23 in subdivision (a), and projected water use, identifying the uses
24 among water use sectors, including, but not necessarily limited to,
25 all of the following uses:

26 (A) Single-family residential.

27 (B) Multifamily.

28 (C) Commercial.

29 (D) Industrial.

30 (E) Institutional and governmental.

31 (F) Landscape.

32 (G) Sales to other agencies.

33 (H) Saline water intrusion barriers, groundwater recharge, or
34 conjunctive use, or any combination thereof.

35 (I) Agricultural.

36 (J) Distribution system water loss.

37 (2) The water use projections shall be in the same five-year
38 increments described in subdivision (a).

39 (3) (A) For the 2015 urban water management plan update, the
40 distribution system water loss shall be quantified for the most

1 recent 12-month period available. For all subsequent updates, the
2 distribution system water loss shall be quantified for each of the
3 five years preceding the plan update.

4 (B) The distribution system water loss quantification shall be
5 reported in accordance with a worksheet approved or developed
6 by the department through a public process. The water loss
7 quantification worksheet shall be based on the water system
8 balance methodology developed by the American Water Works
9 Association.

10 (4) (A) If available and applicable to an urban water supplier,
11 water use projections may display and account for the water savings
12 estimated to result from adopted codes, standards, ordinances, or
13 transportation and land use plans identified by the urban water
14 supplier, as applicable to the service area.

15 (B) To the extent that an urban water supplier reports the
16 information described in subparagraph (A), an urban water supplier
17 shall do both of the following:

18 (i) Provide citations of the various codes, standards, ordinances,
19 or transportation and land use plans utilized in making the
20 projections.

21 (ii) Indicate the extent that the water use projections consider
22 savings from codes, standards, ordinances, or transportation and
23 land use plans. Water use projections that do not account for these
24 water savings shall be noted of that fact.

25 (f) Provide a description of the supplier's water demand
26 management measures. This description shall include all of the
27 following:

28 (1) (A) For an urban retail water supplier, as defined in Section
29 10608.12, a narrative description that addresses the nature and
30 extent of each water demand management measure implemented
31 over the past five years. The narrative shall describe the water
32 demand management measures that the supplier plans to implement
33 to achieve its water use targets pursuant to Section 10608.20.

34 (B) The narrative pursuant to this paragraph shall include
35 descriptions of the following water demand management measures:

36 (i) Water waste prevention ordinances.

37 (ii) Metering.

38 (iii) Conservation pricing.

39 (iv) Public education and outreach.

40 (v) Programs to assess and manage distribution system real loss.

1 (vi) Water conservation program coordination and staffing
2 support.

3 (vii) Other demand management measures that have a significant
4 impact on water use as measured in gallons per capita per day,
5 including innovative measures, if implemented.

6 (2) For an urban wholesale water supplier, as defined in Section
7 10608.12, a narrative description of the items in clauses (ii), (iv),
8 (vi), and (vii) of subparagraph (B) of paragraph (1), and a narrative
9 description of its distribution system asset management and
10 wholesale supplier assistance programs.

11 (g) Include a description of all water supply projects and water
12 supply programs that may be undertaken by the urban water
13 supplier to meet the total projected water use, as established
14 pursuant to subdivision (a) of Section 10635. The urban water
15 supplier shall include a detailed description of expected future
16 projects and programs that the urban water supplier may implement
17 to increase the amount of the water supply available to the urban
18 water supplier in average, single-dry, and multiple-dry water years.
19 The description shall identify specific projects and include a
20 description of the increase in water supply that is expected to be
21 available from each project. The description shall include an
22 estimate with regard to the implementation timeline for each project
23 or program.

24 (h) Describe the opportunities for development of desalinated
25 water, including, but not limited to, ocean water, brackish water,
26 and groundwater, as a long-term supply.

27 (i) For purposes of this part, urban water suppliers that are
28 members of the California Urban Water Conservation Council
29 shall be deemed in compliance with the requirements of subdivision
30 (f) by complying with all the provisions of the “Memorandum of
31 Understanding Regarding Urban Water Conservation in
32 California,” dated December 10, 2008, as it may be amended, and
33 by submitting the annual reports required by Section 6.2 of that
34 memorandum.

35 (j) An urban water supplier that relies upon a wholesale agency
36 for a source of water shall provide the wholesale agency with water
37 use projections from that agency for that source of water in
38 five-year increments to ~~20~~ 25 years or as far as data is available.
39 The wholesale agency shall provide information to the urban water
40 supplier for inclusion in the urban water supplier’s plan that

1 identifies and quantifies, to the extent practicable, the existing and
2 planned sources of water as required by subdivision (b), available
3 from the wholesale agency to the urban water supplier over the
4 same five-year increments, and during various water-year types
5 in accordance with subdivision (c). An urban water supplier may
6 rely upon water supply information provided by the wholesale
7 agency in fulfilling the plan informational requirements of
8 subdivisions (b) and (c).

9 ~~SECTION 1. Section 10610 of the Water Code is amended to~~
10 ~~read:~~

11 ~~10610. This part shall be known, and may be cited, as the~~
12 ~~“Urban Water Management Planning Act.”~~